

# AS11

## Product Description:

AS11 is an acetoxycure silicone RTV adhesive rubber developed for applications requiring fast development of physical properties and excellent adhesion. AS11 is a 1-Part silicone that when applied to the substrate allows handling of the bonded assembly within minutes. AS11 works well in manual and automatic dispensing equipment.

## Product Features:

- Room Temperature Cure
- Excellent unprimed adhesion to plastic, metal and glass
- Thixotropic paste
- Acetoxycure

## Curing:

RTV stands for Room Temperature Vulcanization, which means to cure at room temperature. Typical utilization involves dispensing in open air and after exposure to ambient humidity, a room temperature cured rubber is formed.

## Offset For:

Momentive (GE) RTV102  
Dow Corning 732  
MIL-A-46106\* Group I, Type I related material.

## Method of Application:

Dispense sealant onto part and mate parts. Be sure not to squeeze all of the product out of flange assembly. Allow to cure.

## Service Temperature:

-45 to 260°C

# Silicone RTV Adhesive Sealant

## Typical Properties:

### UNCURED

Color:	White
Viscosity, cps	250,000
Specific Gravity	1.08
Consistency	Thixotropic paste
Working time, mins. @ R.T.	4
Tack Free Time, mins. @ R.T.	25
Application Rate, 90 psi g/min.	>400
Solids, %	98
VOC, %	1.514

### CURED – ROOM TEMPERATURE

Cured	72 hrs. @ R.T.
Tensile Strength, PSI	>400
Elongation, %	>650
Durometer, Shore A	30
Peel Strength (Al/St lb/in)	30/25
Dielectric Strength, V/mil	>475
Dielectric Constant	2.7
Dissipation Factor	0.001
Volume Resistivity	$9.3 \times 10^{15}$

## Typical Applications:

- Industrial bonding
- Form in place gaskets
- Adhesive sealant

## Limitations:

Do not use product on head gaskets, solvent or fuel immersion applications. Allow to fully cure before putting assembly into service. Ensure enough product remains between flanges to be effective in an assembly.

## Handling and Safety:

For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant irritates eyes and skin. Refer to SDS.



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**Shelf Life:**

In sealed containers, 1 year when stored in a cool dry area.

**Packaging:**

Available in standard 3 fl. oz. tubes and 10.3 fl. oz. caulker. Other size packaging available upon request.

Limitations:

\*Testing for referenced MIL Spec is performed in accordance with Aerospace Sealants quality test methods, laboratory conditions, and procedures, frequency and sampling, which are not necessarily identical with the methods, conditions, procedures, frequency and sampling stated or referenced in the listed specification. Any certification will be limited to listed properties and will not imply or state conformity to any other aspect of the referenced specification, including but not limited to marking, packaging, bar coding, testing, or sampling.

*Properties listed herein are actual target data points only. User must determine proper usage and applicability.*

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